

**"We drive the development of responsible food for the world population."**

**That is our vision, our dream for the future.**



## **Scientist Bacteriology/ Phytopathology (PhD)**

**Location: Metslawier (Netherlands)**

### **Your contribution:**

Research in Plant Pathology and the study of plant-pathogen interactions is and will always be a fascinating discipline. In our department we develop knowledge in the domain of plant-pathogen interactions to find the key to sustainable management of various pests and diseases in potato. The pests/pathogens themselves are constantly adapting and, due to climate change and breeding for international - and also tropical - markets, we have to deal with different pests/pathogens and their variants. Plant pathology as a discipline is therefore constantly developing and always challenging! By using your knowledge to contribute to resistance breeding in our company, you can contribute to the sustainable cultivation of potatoes throughout the world!

If you share this ambition, we hope that you will apply for the job!'

### **Your opportunity:**

The position is part of the Plant Pathology team within HZPC Research. This team is carrying out both Strategic- and Applied Research projects. It is involved in studying the interaction of potato with different pathogens and pests in order to develop resistance screening- and diagnostic assays. For this vacancy, we are particularly looking for scientific knowledge and experience in the fields of Molecular Bacteriology and -Phytopathology. As a scientist you will initiate and lead Strategic Research Projects.

The most important activities and responsibilities:

- On the basis of 'state of the art' scientific knowledge of molecular plant-pathogen interactions, develop and validate new protocols for resistance screening assays against plant pathogenic bacteria and fungi in potato
- Supervise and contribute to the design, implementation and analysis of climate room-, greenhouse- and field tests and subsequently report and advise on them
- Further building of an effective platform and (molecular- and biomarkers ) toolbox for the breeding of resistant potato varieties against pathogenic bacteria and fungi.

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- Proactively initiate-, supervise and/or lead internal and external research projects, both on a national and international level.
- Project based collaboration with the other R&D and breeding teams to realize the desired strategic targets in a joint effort.
- Close collaboration with the team members of Applied Research during the validation stage for the transfer towards standardised protocols.
- Continuously update your scientific knowledge through literature study, attending conferences and making contacts both at national and international levels.

#### **Your profile:**

We are looking for a scientist who is keen on new developments in the field of Plant Pathology, particularly Molecular Bacteriology and -Phytopathology, and wants to contribute to challenging team targets in the coming years.

Furthermore, you recognise yourself in the following profile:

- Completed your studies in Plant Pathology with focus on bacteriology with some work experience (PhD)
- Scientific knowledge of molecular plant-pathogen interactions, preferably on plant pathogenic bacteria and fungi
- Academic background combined with a practical approach
- Experience with initiating and leading research projects (project management)
- Good knowledge of statistics and design of experiments as basis for effective experimentation
- An independent and proactive attitude
- Prepared to attend international conferences and visit trial fields
- Good communicative skills and client-oriented thinking and working
- Proficient in both written and oral English
- Enthusiastic team worker

#### **What we offer:**

*We think in opportunities to create outstanding solutions*

At HZPC we attach great importance to **own initiative** and personal development. You will work in a professional yet **informal work environment** where you have the space to further **develop yourself**. Furthermore we offer:

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- A full-time employment contract
- a group of enthusiastic and experienced colleagues from specialized departments
- good primary and secondary employment conditions, including a 13th month, a premium-free pension and a collective variable remuneration.
- a position in an international environment with a healthy and growing organization.

The location of this position is Metslawier (Friesland).

#### **Our organization:**

Founded in 1898 and rooted in the Netherlands, HZPC has become a global market leader in innovative breeding, seed potato trading and concept development. Our ambition is a sustainable growth. We offer innovative potato varieties that are optimized for local cultivation conditions. We share knowledge and provide solutions that dynamically anticipate the climatic, cultural and commercial challenges that the whole area of food has to deal with. With 400 employees in 19 countries and exporting to more than 90 countries, we contribute to the availability of responsible food for the well-being of millions of people worldwide.

All our R&D activities are largely carried out in Metslawier. In this advanced Knowledge center more than 100 colleagues from all over the world work on a daily basis to develop new varieties, improve current breeds and expand our knowledge in all sorts of specialisms. In addition, various activities are carried out from our Research hub in Wageningen.

You can find more information on our website: [www.hzpc.com](http://www.hzpc.com).

#### **Your reaction:**

For more information about you can contact: Doretta Boomsma (Program Leader Plant Pathology: + 31 6 51 87 28 66 or [Doretta.Boomsma@hzpc.com](mailto:Doretta.Boomsma@hzpc.com))

For more information about the procedure, please contact Petra Kool (HR Business Partner: + 31 6 12 44 21 10 or [Petra.Kool@hzpc.com](mailto:Petra.Kool@hzpc.com)).

Are you enthusiastic? Then send us your application (CV and motivation) before the 15 of December 2019 via

<http://jobsathzpc.com/ad/scientist-bacteriology-phytopathology/rdtsty4/en>

*Acquisition in response to this vacancy is not appreciated.*

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